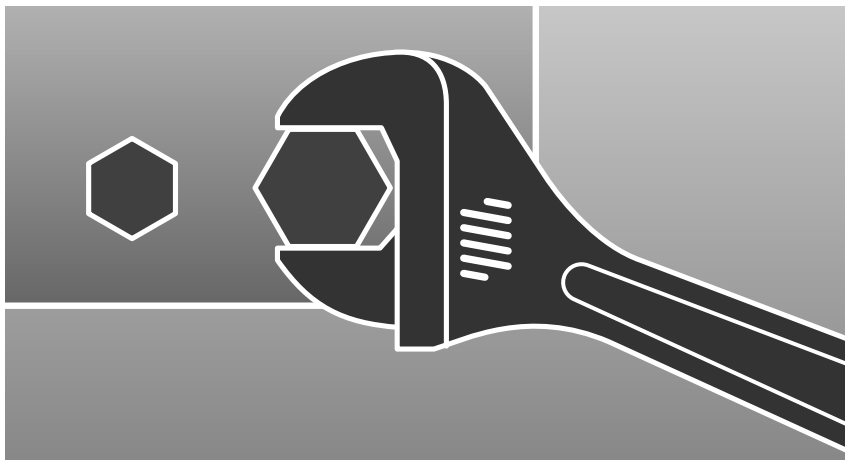
SAMSUNG

INSTALLATION MANUAL
MANUAL DE INSTALACIÓN
MANUEL D'INSTALLATION
MANUALE D'INSTALLZIONE
MANUAL DE INSTALAÇÃO
INSTALLATIONS-HANDBUCH
ΕΓΧΕΙΡΙΔΙΟΕΓΚΑΤΑΣΤΑΣΗΣ
ИНСТРУКЦИЯ ПО УСТАНОВКЕ

Indoor unit	Outdoor unit
AM14B1(B2)E07	UM14B1(B2)E2
AM18B1(B2)E09	UM18B1(B2)E2
AM20B1(B2)E06	UM20B1(B2)E3
AM20B1(B2)E09	
AM26B1(B2)E07	UM26B1(B2)E3
AM26B1(B2)E12	
AM18B1(B2)B09	UM18B1(B2)B2
AM26B1(B2)B13	UM26B1(B2)B2
MC18AC2-09	MC18AC2X
MC19AC2-07	MC19AC2X
MC19AC2-12	
MC24AC2-12	MC24AC2X
MC26AC2-07	MC26AC2X
MC26AC2-12	

MULTI-SPLIT TYPE ROOM AIR CONDITIONER (Cool)
ACONDICIONADOR DE AIRE DOMÉSTICO SISTEMA MULTI SPLIT (Refrigeración)
CLIMATISEUR DE TYPE MULTIPLE (Refroidissement)
CONDIZIONATORE D'ARIA PER PIÙ AMBIENTI AD UNITÀ SEPARATE (Raffreddamento)
AR CONDICIONADO MULTI SPLIT (Refrigeração)
RAUMKLIMAGERÄT IN MEHRFACH GETEILTER AUSFÜHRUNG (Kühlen)
ΠΟΛΥΔΙΑΙΡΟΥΜΕΝΟ ΚΛΙΜΑΤΙΣΤΙΚΟ ΔΩΜΑΤΙΟΥ(Ψύξης)
КОМНАТНЫЙ ВОЗДУШНЫЙ КОНДИЦИОНЕР ТИПА МУЛЬТИ-СПЛИТ (Охлаждение)



ⒺⓈⒻⒾⓅⒹⒼⓇ DB98-03916A(2)

Which model air conditioner have you purchased?

This Installation Manual is made for various models.
Make sure what model you purchased then install your air conditioner as your type.

A Type	B Type	C Type	D Type	E Type
AM14B1(B2)E07	AM18B1(B2)E09	AM20B1(B2)E06	AM26B1(B2)B13	AM26B1(B2)E07
	AM18B1(B2)B09	AM20B1(B2)E09	MC24AC2-12	AM26B1(B2)E12
	MC18AC2-09			MC26AC2-07
	MC19AC2-07			MC26AC2-12
	MC19AC2-12			

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Deciding on Where to Install the Air Conditioner

When deciding on the location of the air conditioner with the owner, the following restrictions must be taken into account.

General

Do NOT install the air conditioner in a location where it will come into contact with the following elements:

- Combustible gases
- Saline air
- Machine oil
- Sulphide gas
- Special environmental conditions

If you must install the unit in such conditions, first consult your dealer.

Indoor Unit

- There must be no obstacles near the air inlet and outlet.
- Install the indoor unit on a surface that can support its weight.
- Choose a position that enables the piping and cables to be easily connected to the outdoor unit and the recommended length of 5 metres to be respected.
- Leave enough clearance beneath the indoor unit to enable the filters to be removed without hindrance.
- Maintain sufficient clearance around the indoor unit, as indicated in the diagram on the page opposite.
- Make sure that the water dripping from the drain hose runs away correctly and safely.

Outdoor Unit

- The outdoor unit must NEVER be placed on its side or upside down, as the compressor lubrication oil will run into the cooling circuit and seriously damage the unit.
- Choose a location that is dry and sunny, but not exposed to direct sunlight or strong winds.
- Do not block any passageways or thoroughfares.
- Choose a location where the noise of the air conditioner when running and the discharged air do not disturb any neighbours.
- Choose a position that enables the piping and cables to be easily connected to the indoor unit and the recommended length of 5 metres to be respected.
- Install the outdoor unit on a flat, stable surface that can support its weight and does not generate any unnecessary noise and vibration.
- Position the outdoor unit so that the air flow is directed towards the outside, as indicated by the arrows on the top of the unit.
- Maintain sufficient clearance around the outdoor unit, as indicated in the diagram on the page opposite.
- If the outdoor unit is installed at a height, ensure that its base is firmly fixed in position; the maximum height is 7 metres.
- Make sure that the water dripping from the drain hose runs away correctly and safely.

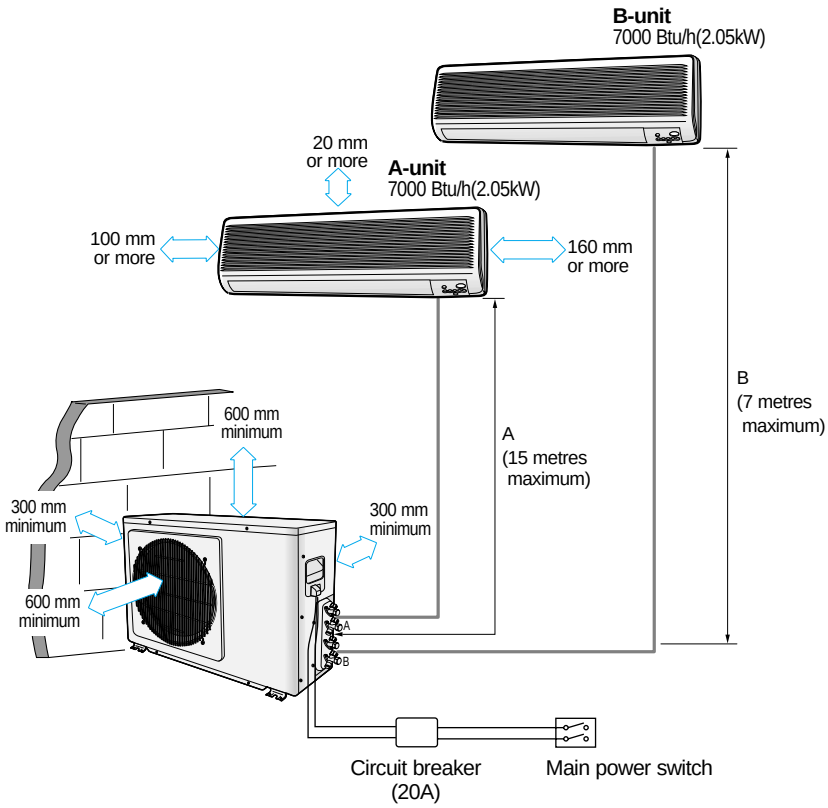
CAUTION

- ***You have just purchased a multi-split type room air conditioner and it has been installed by your installation specialist.***
- ***This device must be installed according to the national electrical rules.***

◗ ***14000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
AM14B1(B2)E07	UM14B1(B2)E2	1,220-240~,50

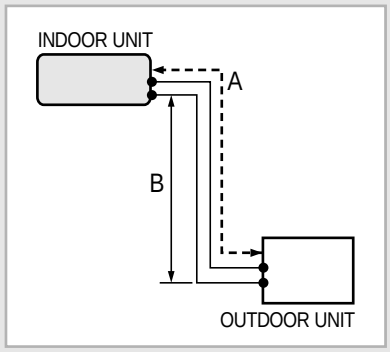
Respect the clearances and maximum lengths indicated in the diagram below when installing the unit.



✻ The designs of the unit and the connection valve are subject to change according to the model.

Piping length and the height

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	3/8"	15 m	7 m
B-unit	1/4"	3/8"	15 m	7 m



Deciding on Where to Install the Air Conditioner (cont.)

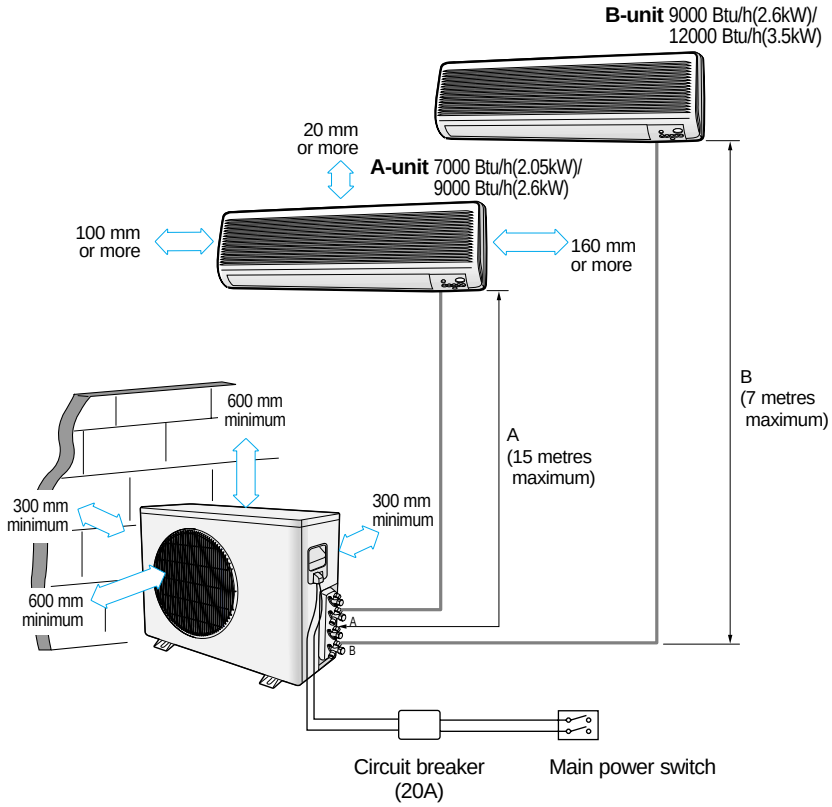
◗ ***18000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
AM18B1(B2)E09 MC18AC2-09	UM18B1(B2)E2 MC18AC2X	1,220-240~, 50
AM18B1(B2)B09	UM18B1(B2)B2	1,220~, 60

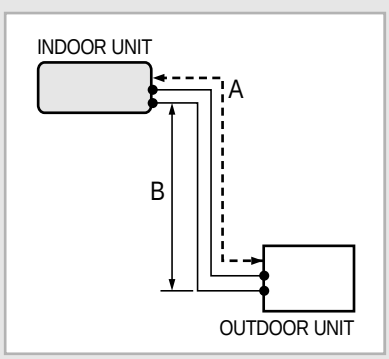
◗ ***19000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
MC19AC2-07 MC19AC2-12	MC19AC2X	1,220-240~, 50

Respect the clearances and maximum lengths indicated in the diagram below when installing the unit.



✻ The designs of the unit and the connection valve are subject to change according to the model.



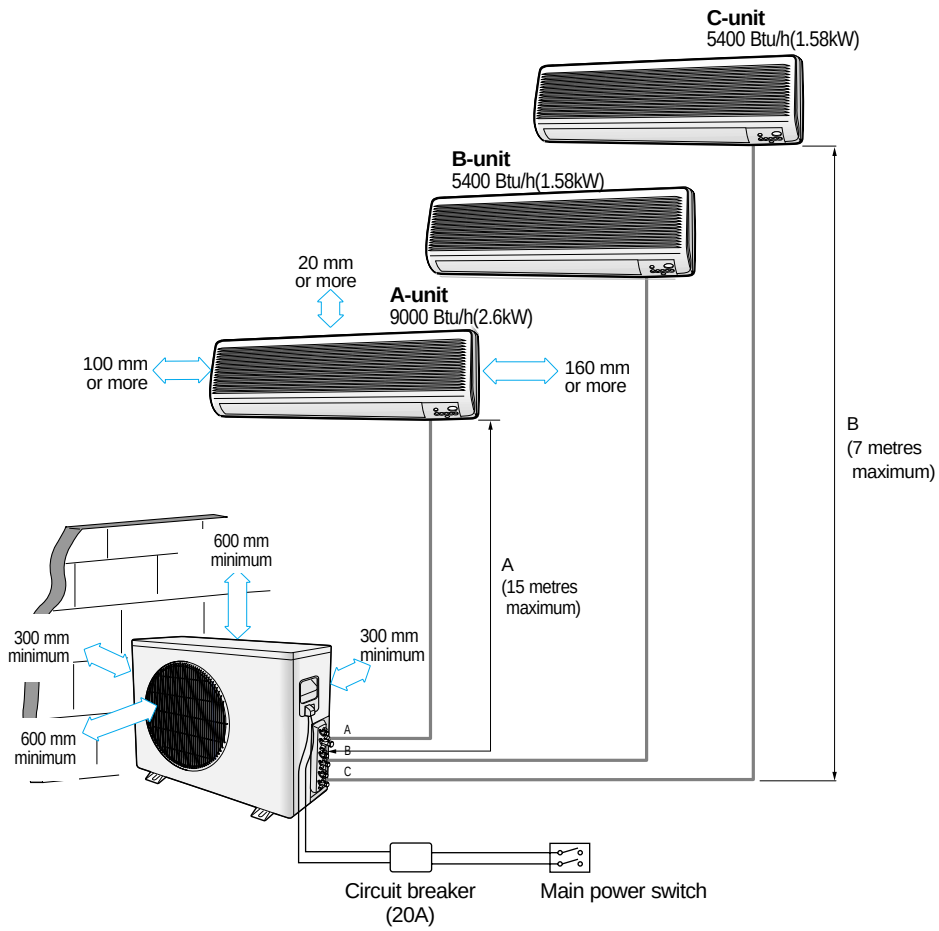
Piping length and the height

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	3/8"	15 m	7 m
B-unit	1/4"	3/8"	15 m	7 m

◗ ***20000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
AM20B1(B2)E06 AM20B1(B2)E09	UM20B1(B2)E3	1,220-240~, 50

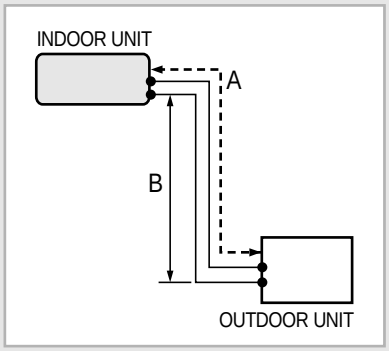
Respect the clearances and maximum lengths indicated in the diagram below when installing the unit.



❋ The designs of the unit and the connection valve are subject to change according to the model.

Piping length and the height

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	3/8"	15 m	7 m
B-unit	1/4"	3/8"	15 m	7 m
C-unit	1/4"	3/8"	15 m	7 m



Deciding on Where to Install the Air Conditioner (cont.)

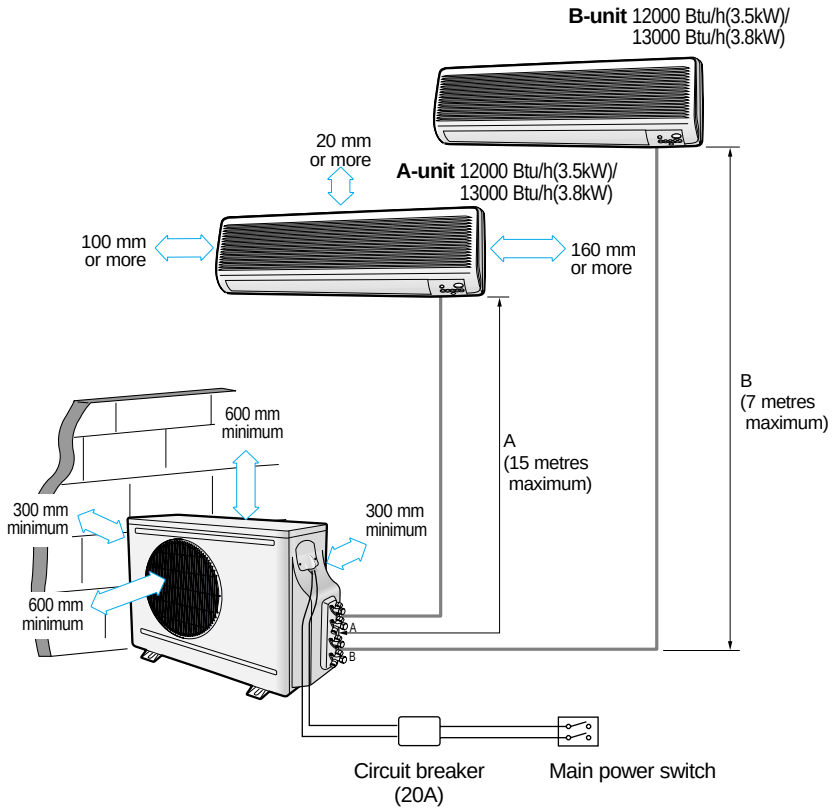
◗ ***24000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
MC24AC2-12	MC24AC2X	1,220-240~, 50

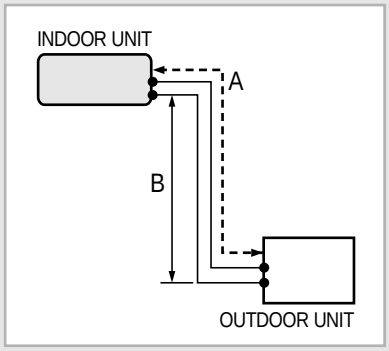
◗ ***26000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
AM26B1(B2)B13	UM26B1(B2)B2	1,220~, 60

Respect the clearances and maximum lengths indicated in the diagram below when installing the unit.



✻ The designs of the unit and the connection valve are subject to change according to the model.



Piping length and the height

◗ ***24000Btu/h***

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	3/8"	15 m	7 m
B-unit	1/4"	3/8"	15 m	7 m

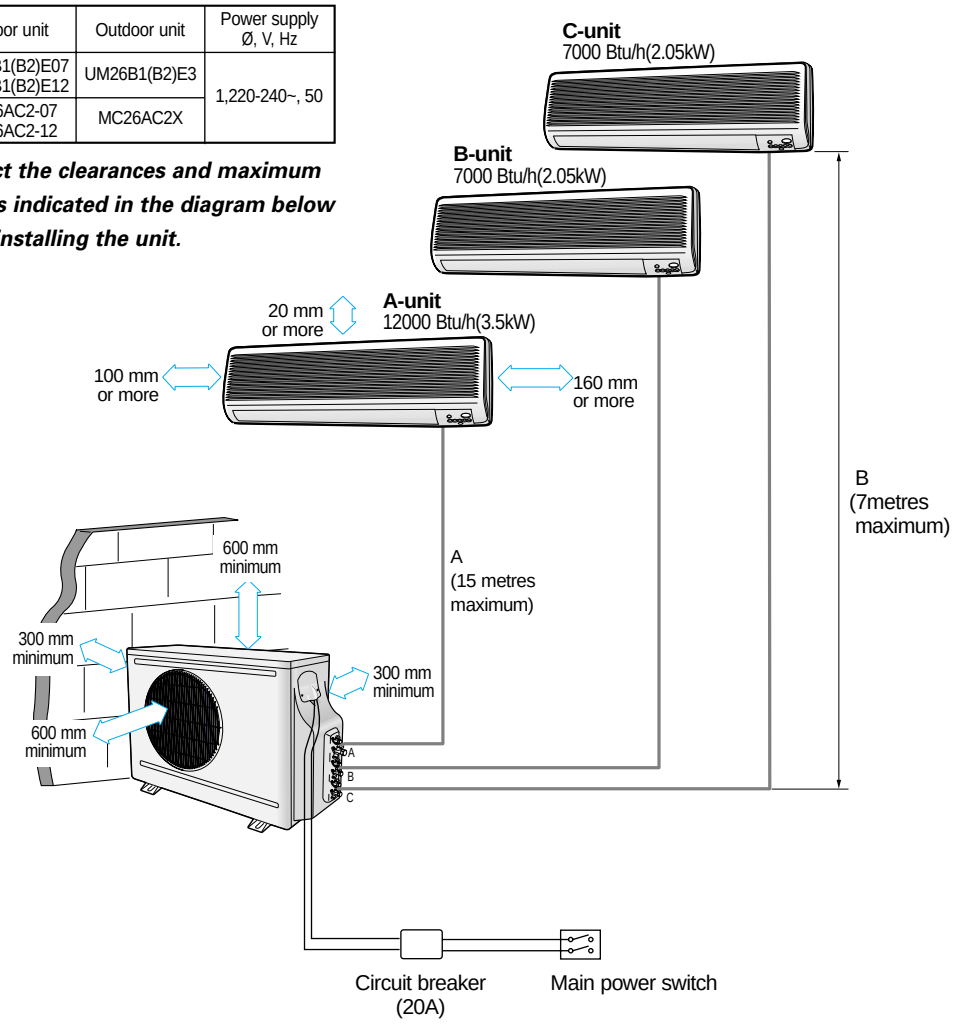
◗ ***26000Btu/h***

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	1/2"	15 m	7 m
B-unit	1/4"	1/2"	15 m	7 m

◗ ***26000Btu/h***

Indoor unit	Outdoor unit	Power supply Ø, V, Hz
AM26B1(B2)E07 AM26B1(B2)E12	UM26B1(B2)E3	1,220-240~, 50
MC26AC2-07 MC26AC2-12	MC26AC2X	

Respect the clearances and maximum lengths indicated in the diagram below when installing the unit.



✻ The designs of the unit and the connection valve are subject to change according to the model.

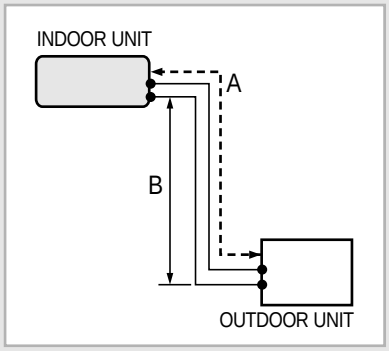
Piping length and the height

◗ ***AM26B1(B2)E07, AM26B1(B2)E12***

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	1/2"	15 m	7 m
B-unit	1/4"	3/8"	15 m	7 m
C-unit	1/4"	3/8"	15 m	7 m

◗ ***MC26AC2-07, MC26AC2-12***

Unit	Pipe size		MAX. piping length A	MAX. height B
	Liquid	GAS		
A-unit	1/4"	3/8"	15 m	7 m
B-unit	1/4"	3/8"	15 m	7 m
C-unit	1/4"	3/8"	15 m	7 m

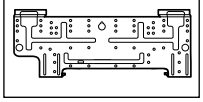


Air Conditioner and Accessories

The following accessories are supplied with the air conditioner.

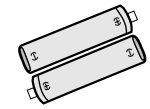
Accessories in the Indoor Unit Case

Installation Plate



Remote Control

Batteries for Remote Control



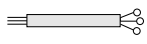
Accessories in the Outdoor Unit Case

Rubber Leg

Owner's Instruction Booklet

Installation Manual

3-wire Power Cable



4-wire Assembly Cable

Flare Nuts, 6.35mm outer pipe diameter

Flare Nuts, 9.52mm outer pipe diameter

Flare Nuts, 12.70mm outer pipe diameter

➢ ***The 3-wire power cable and the 4-wire assembly cable are optional. If these cables are not supplied, use the standard cable approved by IEC standard.***

The specification for cables

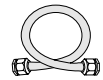
	AWG	*Cross sectional area (mm²)*
Three-wire power cable	*14 or more*	*2.0 or more*
Four-wire assemble cable	*17 or more*	*1.0 or more*

➢ ***The flare nuts are only included when the air conditioner is supplied without the assembly piping illustrated below.***

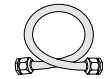
The following connection accessories may be supplied, depending on the option. If they are not supplied, it is recommended that you collect them together before starting to install the air conditioner.

Assembly Piping, Ø6.35mm by 5m

Assembly Piping, Ø9.52mm by 5m



Assembly Piping, Ø12.70mm by 5m



PE T3 Foam Tube Insulation

Vinyl Tape, Width 50mm

Pipe Clamps A

Pipe Clamps B

M3.8 x 20 Screws for Wood

M4 x 16 Tapped Screws

Drain Hose, length 2m

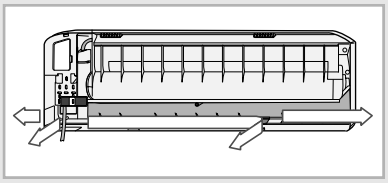
Putty 100g

➢ ***If these accessories are supplied, they are located in the accessory box.***

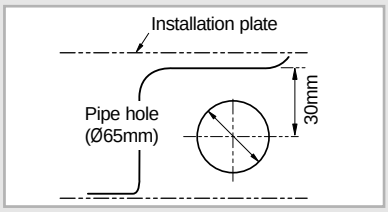
Fixing the Installation Plate

Before fixing the installation plate to a wall or window frame, you must determine the position of the 65 mm hole through which the cable, piping and hose pass to connect the indoor unit up to the outdoor unit. When facing the air conditioner in position on the wall, the piping and cable can be connected from the:

- ***Right***
- ***Left***
- ***Rear (right or left)***



1 Determine the position of the pipe and drain hose hole using the right figure and drill the hole with an inner diameter of 65 mm so that it slants slightly downwards.

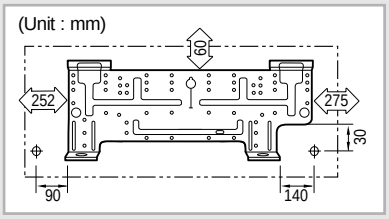


2

If you are fixing the indoor unit to a...	Then follow Steps...
Wall	**3**.
Window frame	**4** to **6**.

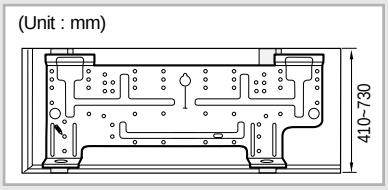
3 Fix the installation plate to the wall in a manner appropriate to the weight of the indoor unit.

➢ If you are mounting the plate on a concrete wall with anchor bolts, the anchor bolts must not project by more than 20 mm.



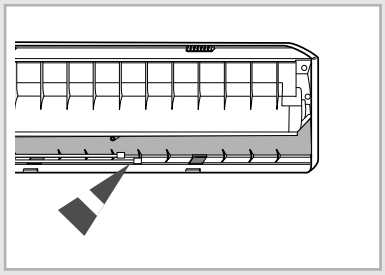
4 Determine the positions of the wooden uprights to be attached to the window frame.

5 Attach the wooden uprights to the window frame in a manner appropriate to the weight of the indoor unit.



6 Using tapped screws, attach the installation plate to the wooden uprights, as illustrated in the last figure opposite.

Purging the Unit



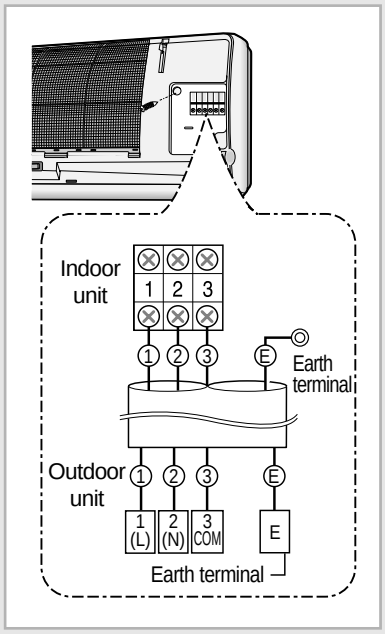
On delivery, the indoor unit is loaded with an inert gas. All this gas must therefore be purged before connecting the assembly piping. To purge the inert gas, proceed as follows.

Unscrew the caps at the end of each pipe.

Result: All inert gas escapes from the indoor unit.

➢ ***To prevent dirt or foreign objects from getting into the pipes during installation, do NOT remove the caps completely until you are ready to connect the piping.***

Connecting the Assembly Cable

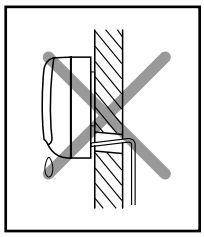


The outdoor unit is powered from the indoor unit via the assembly cable. If the outdoor unit is more than five metres away from the indoor unit, the cable must first be extended to a maximum of 15 metres.

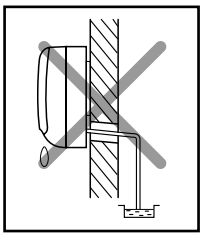
1	Extend the assembly cable if necessary.
2	Open the front grille by pulling on the tabs on the lower right and left sides of the indoor unit.
3	Remove the screw securing the connector cover.
4	Pass the assembly cable through the rear of the indoor unit and connect the assembly cable such as figure. ➢ Each wire is labelled with the corresponding terminal number.
5	Pass the other end of the cable through the 65 mm hole in the wall.
6	Replace the connector cover, carefully tightening the screw.
7	Close the front grille.
8	For further details on how to plug the other end of the assembly cable into the outdoor unit, refer to pages 16~17.

Installing and Connecting the Indoor Unit Drain Hose

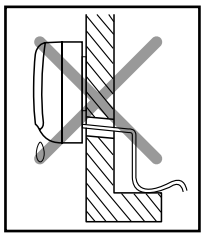
Care must be taken when installing the drain hose for the indoor unit to ensure that any condensation water is correctly drained outside. When passing the drain hose through the 65 mm hole drilled in the wall, check that none of the following situations occur.



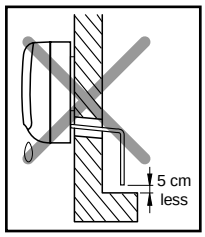
The hose must NOT slope upwards.



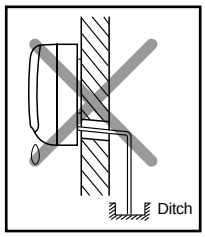
The end of the drain hose must NOT be placed in water.



Do NOT bend the hose in different directions.



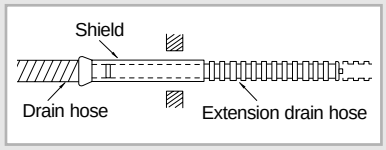
Keep a clearance of at least 5 cm between the end of the hose and the ground.



Do NOT place the end of the drain hose in a hollow.

To install the drain hose, proceed as follows.

1	If necessary, connect the 2-metre extension to the drain hose.
2	If you are using the extension, insulate the inside part of the extension drain hose with a shield.
3	Pass the drain hose under the refrigerant piping, taking care to keep the drain hose tight.
4	Pass the drain hose through the hole in the wall, making sure that it is sloping downwards, as shown in the illustrations above.



➢ ***The hose will be fixed permanently into position once the whole installation has been tested for gas leaks; refer to page 21 for further details.***

Installing and Connecting the Indoor Unit Assembly Piping

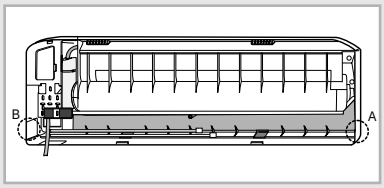
There are two refrigerant pipes of different diameters:

- ***A smaller one for the liquid refrigerant***
- ***A larger one for the gas refrigerant***

A short length of piping is already fitted to the air conditioner. You must extend this piping using assembly piping (optionally supplied).

The connection procedure for the refrigerant piping varies according to the exit position of the piping from the indoor unit, as seen when facing the air conditioner in position on the wall:

- ***Right (A)***
- ***Left (B)***
- ***Rear***



1 With a knife, cut out the appropriate knock-out piece on the rear of the indoor unit (unless you are connecting directly from the rear).

2 Smooth the cut edges.

3 Remove the protection caps on the pipes and connect the assembly piping to each pipe, tightening the nuts, first manually and then with a wrench, applying the following torque.

Pipe	Outer Diameter	Torque (kg•cm)
Liquid refrigerant	6.35 mm	160
Gas refrigerant	9.52 mm	300
Gas refrigerant	12.70 mm	500

➢ If the piping must be shortened or extended, refer to page 15.

4 Cut off any excess foam insulation.

5 If necessary, bend the pipe round, along the bottom of the indoor unit and out through the appropriate hole, taking care to ensure that:
- The piping does not jut out from the rear of the indoor unit
- The bending radius is 100 mm or more

6 Pass the piping through the hole in the wall.

7 For further details on how to connect up to the outdoor unit and purge the circuit, refer to page 20.

➢ ***The piping will be insulated and fixed permanently into position once the whole installation has been tested for gas leaks; refer to page 21 for further details.***

Cutting/Extending the Piping

Five metres of piping is supplied with the air conditioner(Optional). This length can if necessary be:

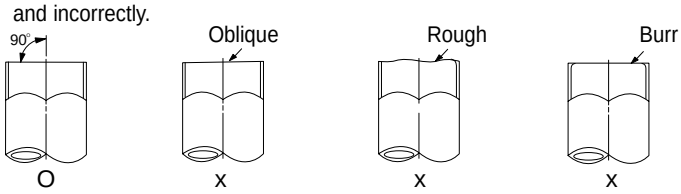
- ***Extended to a maximum of 15 metres***
- ***Shortened as required***

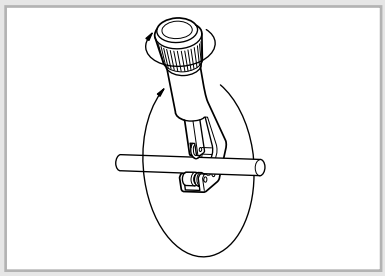
☛ ***If more than five metres of piping is required:***

- ***The assembly cable must also be extended***
- ***Refrigerant must be added to the circuit by an approved installer; otherwise, the indoor unit may freeze***

1 Make sure that you have the required tools available (pipe cutter, reamer, flaring tool and pipe holder).

2 If you wish to shorten the piping, cut it using a pipe cutter, taking care to ensure that the cut edge remains at a 90° angle with the side of the pipe, and referring to the illustrations below for examples of edges cut correctly and incorrectly.

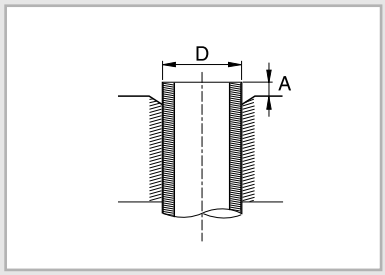




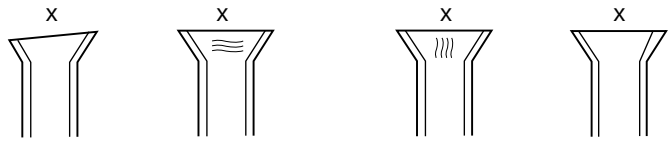
3 To prevent any gas from leaking out, remove all burrs at the cut end of the pipe, using a reamer.

4 Slide a flare nut on to the pipe and modify the flare.

Pipe	Outer Diameter (D)	Depth (A)
Liquid refrigerant	6.35 mm	1.3 mm
Gas refrigerant	9.52 mm	1.8 mm
Gas refrigerant	12.70 mm	2.0 mm

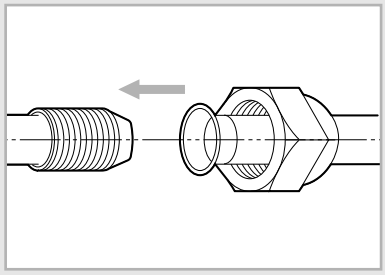


5 Check that the flaring is correct, referring to the illustrations below for examples of incorrect flaring.



6 Align the pipes to be connected and tighten the flare nuts first manually and then with a wrench, applying the following torque.

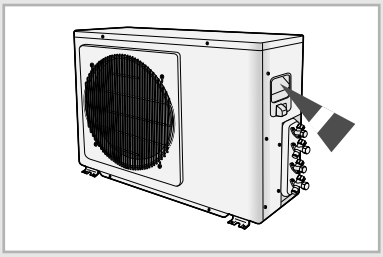
Pipe	Outer Diameter	Torque (kg•cm)
Liquid refrigerant	6.35 mm	160
Gas refrigerant	9.52 mm	300
Gas refrigerant	12.70 mm	500



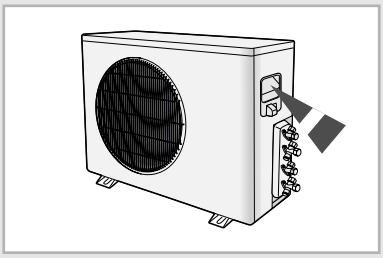
7 For further details on how to connect up to the outdoor unit and purge the circuit, refer to page 20.

Connecting the Cables to the Outdoor Unit

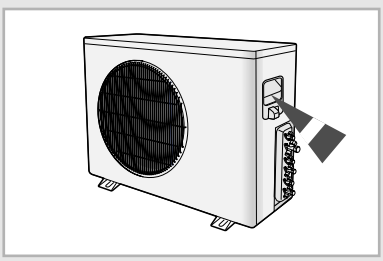
Type "A"



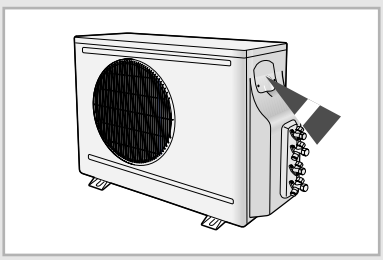
Type "B"



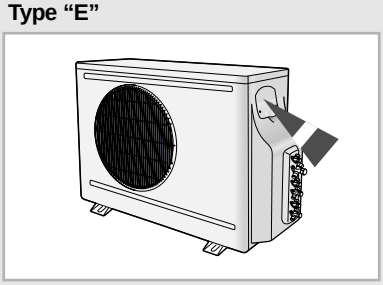
Type "C"



Type "D"



Type "E"



Two electric cables must be connected to the outdoor unit:

- ***The assembly cable connecting the indoor unit to the outdoor unit.***
- ***The power cable connecting the auxiliary circuit breaker to the outdoor unit.***

1 Remove the terminal board cover on the side of the outdoor unit.

2 Connect the assembly cable with the power cable such as figure.

➢ Each wire is labelled with the corresponding terminal number.
➢ Ensure the wire number of the indoor unit and the terminal number of the outdoor unit.

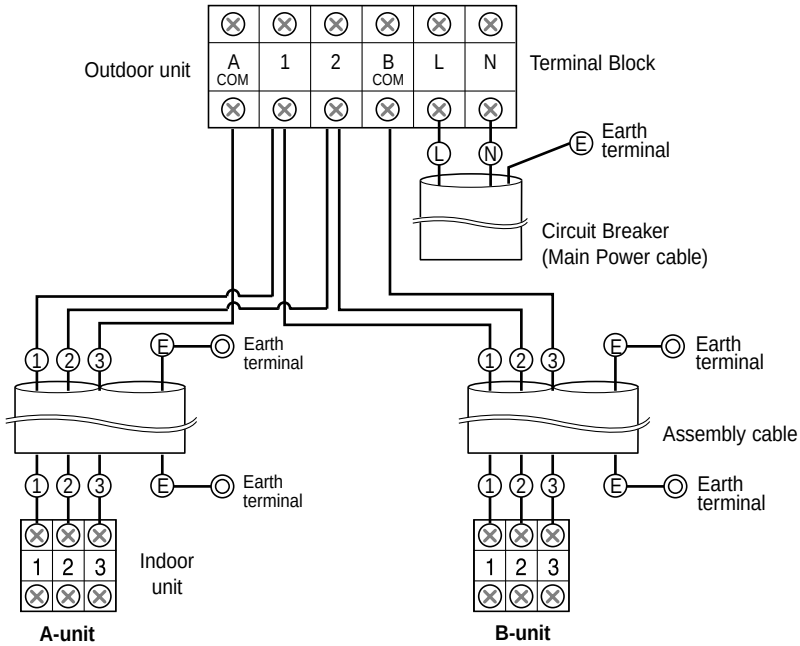
3 Connect the earth wires to the earth terminals.

➢ Refer to the page 18 for further details on how to check that earthing is correct.

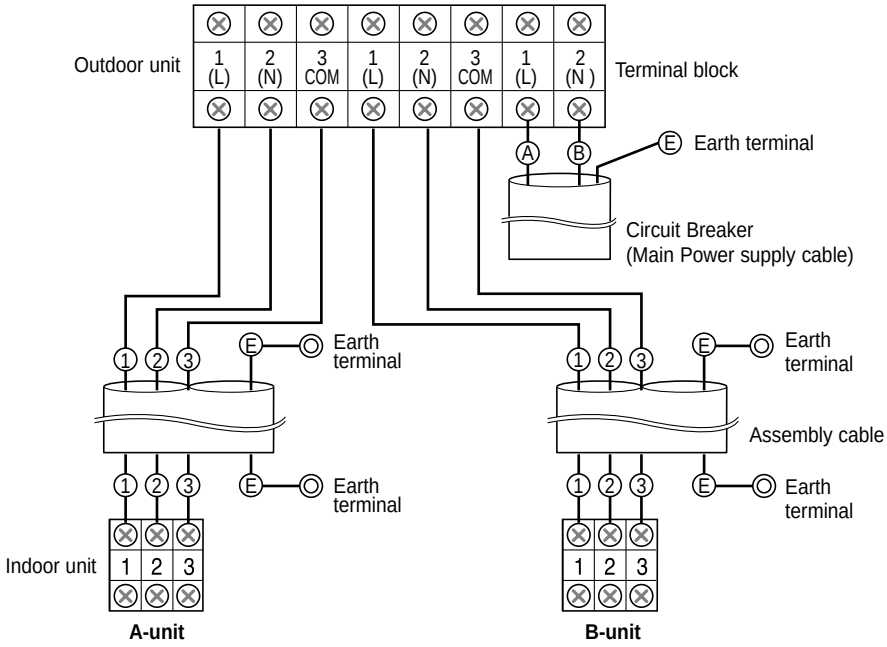
4 Replace the terminal board cover, carefully tightening the screw.

5 Connect the power cable to the auxiliary circuit breaker.

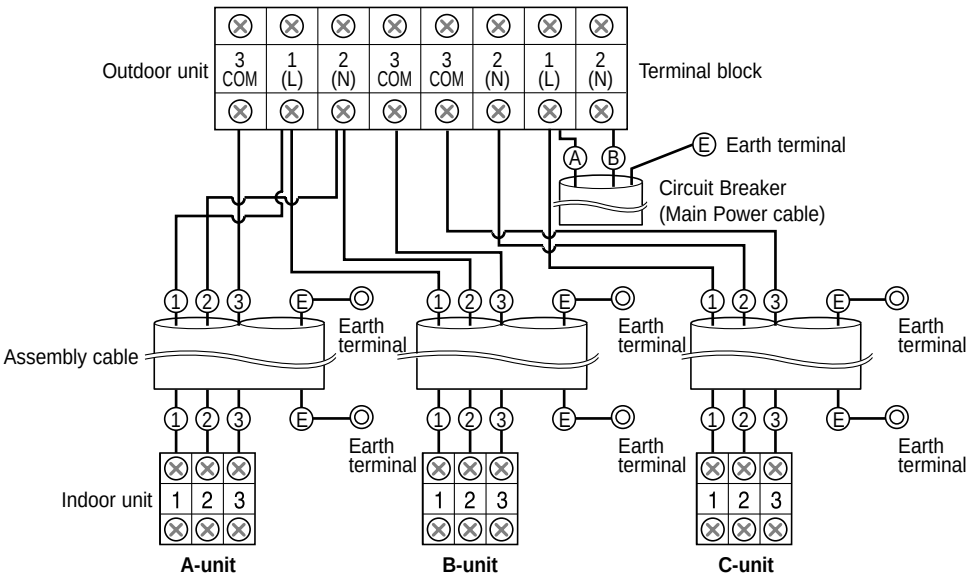
◗ *UM14B1(B2)E2*



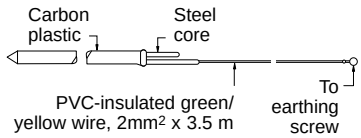
- ***UM18B1(B2)E2*** ***MC18AC2X***
  UM18B1(B2)B2 ***MC19AC2X***
  UM26B1(B2)B2 ***MC24AC2X***

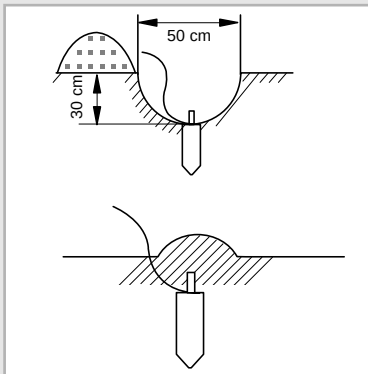


- ***UM20B1(B2)E3***
  UM26B1(B2)E3
  MC26AC2X



Checking Correct Earthing





If the power distribution circuit does not have an earth or the earth does not comply with specifications, an earthing electrode must be installed. The corresponding accessories are <u>not</u> supplied with the air conditioner.

1 Select an earthing electrode that complies with the specifications given in the illustration opposite.

2 Determine a suitable location for the earthing electrode:
- In damp hard soil rather than loose sandy or gravel soil that has a higher earthing resistance
- Away from underground structures or facilities, such as gas pipes, water pipes, telephone lines and underground cables
- At least two metres away from a lightening conductor earthing electrode and its cable

➢ The earthing wire for the telephone line cannot be used to earth the air conditioner.

3 Dig a hole of the size indicated in the illustration opposite, drive the earthing electrode into position and cover the top of the electrode with the excavated soil.

4 Install a green/yellow insulated earthing wire (Ø1.6 mm, section 2 mm² or greater):
- If the earthing wire is too short, connect an extension lead, soldering the connection and wrapping it with insulating tape (do not bury the soldered connection)
- Secure the earthing wire in position with staples

➢ If the earthing electrode is installed in an area of heavy traffic, its wire must be connected securely.

5 Carefully check the installation, by measuring the earthing resistance with an earthing resistance tester. If the resistance is above the required level, drive the earthing electrode deeper into the ground or increase the number of earthing electrodes.

6 Connect the earthing wire to the earthing screw on the air conditioner.

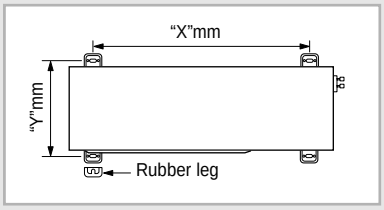
Fixing the Unit in Position

The outdoor unit must be installed on a rigid and stable base to avoid any increase in the noise level and vibration, particularly if the outdoor unit is to be installed close to a neighbour.

If it is to be installed in a location exposed to strong winds or at a height, the unit must be fixed to an appropriate support (wall or ground).

1	Position the outdoor unit so that the air flow is directed towards the outside, as indicated by the arrows on the top of the unit.
2	Attach the outdoor unit to the appropriate support using anchor bolts.
3	If the outdoor unit is exposed to strong winds, install shield plates around the outdoor unit, so that the fan can operate correctly.

✵ Certainly fix up its rubber leg, in order to prevent its vibration and noise.

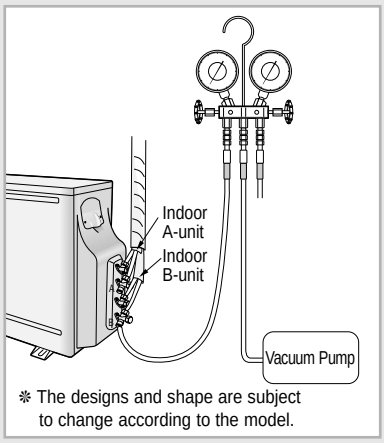


Type	X	Y
A	600	264
B	660	340
C	660	340
D	660	340
E	660	340

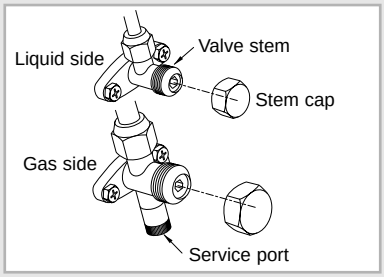
Connecting Up and Purging the Circuit

CAUTION

The air in the indoor unit and in the pipe must be purged. If air remains in the refrigeration pipes, it will affect the compressor, reduce to cooling capacity and could lead to a malfunction. Refrigerant for air purging is not charged in the outdoor unit. Use Vacuum Pump as shown at the right figure. Each unit must be purged in turn.



❊ The designs and shape are subject to change according to the model.



1	Check the piping connections.
2	Connect the charging hose of low pressure side of manifold gauge to the packed valve having a service port (3/8″ or 1/2″ Packed valve) as shown at the right figure.
3	Open the valve of the low pressure side of manifold gauge counter-clockwise.
4	Purge the air from the system using vacuum pump for about 10 minutes. - Close the valve of the low pressure side of manifold gauge clockwise. - Make sure that pressure gauge show -0.1MPa(-76cmHg) after about 10minutes. This procedure is very important in order to avoid gas leak. - Turn off the vacuum pump - Remove the hose of the low pressure side of manifold gauge.
5	Set valve cork of both liquid side and gas side of packed valve to the open position.
6	Mount the valve stem nuts and the service port cap to the valve, and tighten them at the torque of 18N•m with a torque wrench.
7	Check for gas leakage. - At this time, especially check for gas leakage from the 3-way valve's stem nuts, and from the service port cap.

Adding Refrigerant

Refrigerant must be added if the piping measures more than 5 metres in length. This operation can only be performed by a qualified refrigeration specialist.

Model	"A"	"B"
✳✳B1✳✳ ✳✳B2✳✳	10g	R22
✳✳C2✳✳	10g	R410A

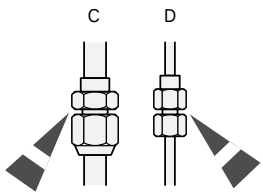
If you have used...	Then...
More than 5 metres of piping	"A" of refrigerant "B" must be added for each extra metre.
Less than 5 metres of piping	The purge time is normal.

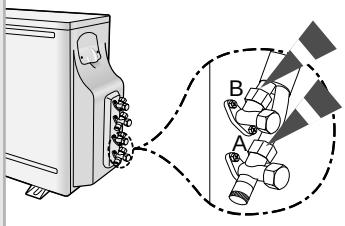
Refer to the Service Manual for more details on this operation.

Performing Leak Tests

Before completing the installation (insulation of the cables, hose and piping and fixing of the indoor unit to the installation plate), you must check that there are no gas leaks.

To check for gas leaks on the...	Then, using a leak detector, check the...
Indoor unit	Flare nuts at the end of sections C and D.
Outdoor unit	Valves on sections A and B.



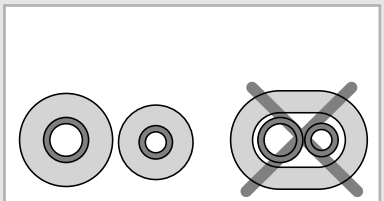


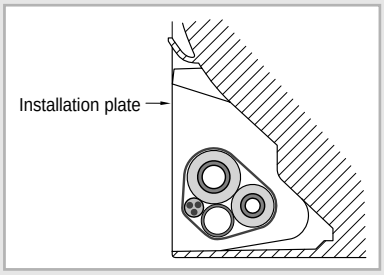
❊ The designs and shape are subject to change according to the model.

Placing the Indoor Unit in Position

Once you have checked that there are no leaks in the system, you can insulate the piping, hose and cables and place the indoor unit on the installation plate.

1	To avoid condensation problems, place heat-resistant polyethylene foam separately around each refrigerant pipe in the lower part of the indoor unit.
2	Wind insulating tape around the pipes, assembly cable and drain hose.
3	Place the resulting bundle carefully in the lower part of the indoor unit, making sure that it does not jut out from the rear of the indoor unit.
4	Hook the indoor unit on to the installation plate and move the unit to the right and left until you are sure that it is securely in place.
5	Finish wrapping vinyl tape around the rest of the piping leading to the outdoor unit.
6	Using clamps (optionally supplied), attach the piping to the wall wherever possible.





Checking and Testing Operations

To complete the installation, perform the following checks and tests to ensure that the air conditioner is operating correctly.

1 Review all the following elements in the installation:

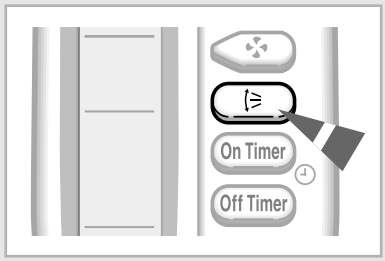
- Installation site strength
- Piping connection tightness to detect any gas leakages
- Connection wiring
- Heat-resistant insulation of the piping
- Drainage
- Earthing wire connection
- Correct operations (follow the steps below)

2 Press the On/Off button.

Result:
- The indicator lights on the indoor unit flash at half-second intervals.
- While the indoor unit opens, the indoor unit fan runs to start.

3 Press the Turbo button.

Result: The outdoor unit operates in cooling mode as starts.



4 Air flow direction — Press the button one or more times to set the blades to the 30° or 90° positions.

Explaining Operations to the Owner

Before leaving the premises on which you have installed the air conditioner, you should explain the following operations to the owner, making reference to the appropriate pages in the owner's instruction booklet.

1	How to start and stop the air conditioner.
2	How to select the operating mode and adjust the temperature and fan settings.
3	How to adjust the air flow direction.
4	How to set the timers.
5	How to remove and clean the filters.

Once the owner is happy with the basic operations, hand over the owner's instruction booklet and this installation manual for storage in a handy and safe place.

Technical Specifications

Indoor unit	Outdoor unit	Power Supply
AM14B1(B2)E07	UM14B1(B2)E2	220-240V~, 50Hz
AM18B1(B2)E09	UM18B1(B2)E2	
AM20B1(B2)E06 AM20B1(B2)E09	UM20B1(B2)E3	
AM26B1(B2)E07 AM26B1(B2)E12	UM26B1(B2)E3	
MC18AC2-09	MC18AC2X	
MC19AC2-07 MC19AC2-12	MC19AC2X	
MC24AC2-12	MC24AC2X	
MC26AC2-07 MC26AC2-12	MC26AC2X	
AM18B1(B2)B09	UM18B1(B2)B2	220V~, 60Hz
AM26B1(B2)B13	UM26B1(B2)B2	

THIS AIR CONDITIONER IS MANUFACTURED BY:
ESTE AIRE ACONDICIONADO HA SIDO FABRICADO POR:
CE CLIMATISEUR EST FABRIQUE PAR:
QUESTO CONDIZIONATORE D'ARIA È PRODOTTO DA:
ESTE APARELHO DE AR CONDICIONADO É FABRICADO POR:
DIESE KLIMAANLAGE IST FABRIZIERT VON:
ΑΥΤΗ Η ΣΥΣΚΕΥΗ ΚΑΤΑΣΚΕΥΑΣΤΗΚΕ ΑΠΟ :
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